

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S6	343	memory NEAR4 status NEAR4 display\$3	USPAT	OR	OFF	2006/11/01 14:14
S16 8	9	((count\$3 NEAR2 value\$1) NEAR4 (convert\$4) NEAR4 (time\$1 NEAR2 information))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 14:24
S16 9	2	"6578047".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:50
S17 0	2522	(count\$3 NEAR4 (convert\$4) NEAR4 time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:52
S16 6	2522	(count\$3 NEAR4 (convert\$4) NEAR4 time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:52
S16 7	329	((count\$3 NEAR2 value\$1) NEAR4 (convert\$4) NEAR4 time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:53
S17 5	30	S174 AND ((search\$3 quer\$4) WITH (music\$1 song\$1 radio\$1))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:56
S17 4	1255	(broadcast\$3 WITH count\$3 WITH time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:56
S17 3	5	S172 AND ((search\$3 quer\$4) WITH (music\$1 song\$1 radio\$1))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:56

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S17 1	2	S170 AND (broadcast\$3 SAME (music\$1 song\$1 radio\$1) SAME ((stor\$3 input\$4 register\$4) NEAR4 time\$1))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 17:56
S17 7	2	"4264968".pn. AND counter\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 18:49
S18 0	145	S178 NOT S179	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 14:32
S17 9	184	S178 AND ((stor\$3 register\$3 input\$4) NEAR4 time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 14:32
S17 8	329	((count\$3 NEAR2 value\$1) NEAR4 (convert\$4) NEAR4 time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 14:32
S17 6	184	S172 AND ((stor\$3 register\$3 input\$4) NEAR4 time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 14:32
S17 2	329	((count\$3 NEAR2 value\$1) NEAR4 (convert\$4) NEAR4 time\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:15
S18 4	8	S181 AND "707"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:18
S18 3	1	S181 AND S182	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:18

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S18 5	12100	((search\$3 quer\$4) WITH (broadcast\$3 music\$1 song\$1))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:19
S18 2	1076	((search\$3 quer\$4) WITH (broadcast\$3 music\$1 song\$1)). clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:19
S18 1	916	(count\$1 WITH value\$1 WITH time\$1 WITH (obtain\$4 convert\$4 calculat\$4)).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:19
S18 7	4.	S186 AND "707"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:20
S18 6	37	S185 AND (count\$1 WITH value\$1 WITH time\$1 WITH (obtain\$4 convert\$4 calculat\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/11 15:20


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Nakano, Y.; Deguchi, Y.; Ikeda, K.; Luo, Y.; Tada, K.;  
*Quantum Electronics, IEEE Journal of*  
 Volume 27, Issue 6, June 1991 Page(s):1732 - 1735  
 Digital Object Identifier 10.1109/3.89998

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**2. Millimeter-wave microstrip-to-waveguide transition operating over broad bandwidth**

Deguchi, Y.; Sakakibara, K.; Kikuma, N.; Hirayama, H.;  
*Microwave Symposium Digest, 2005 IEEE MTT-S International*  
 12-17 June 2005 Page(s):4 pp.  
 Digital Object Identifier 10.1109/MWSYM.2005.1517163

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**3. Cost effective edge-resonant PWM high frequency inverter for induction I appliances and its performance evaluations**

Deguchi, Y.; Moisseev, S.; Hiraki, E.; Nakao, M.;  
*Power Conversion Conference, 2002, PCC.Osaka.2002, Proceedings of the*  
 Volume 3, 2-5 April 2002 Page(s):1508 - 1511 vol.3  
 Digital Object Identifier 10.1109/PCC.2002.998197

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**4. A study on assisting in Prolog program comprehension by using stepwise stepwise comparison**

Deguchi, Y.; Nakamura, M.; Otsuki, S.;  
*Computers in Education, 2002, Proceedings, International Conference on*  
 3-6 Dec. 2002 Page(s):106 - 110 vol.1  
 Digital Object Identifier 10.1109/CIE.2002.1185876

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**5. Highly reliable probe card for wafer testing**

Maekawa, S.; Takemoto, M.; Kashiba, Y.; Deguchi, Y.; Miki, K.; Nagata, T.;


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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

**1. Design of HD-quality streaming networks for real-time content distribution**

Eunsam Kim; Liu, J.C.L.;  
*Consumer Electronics, IEEE Transactions on*  
 Volume 52, Issue 2, May 2006 Page(s):392 - 401  
 Digital Object Identifier 10.1109/TCE.2006.1649655

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**2. New devices for VCR control using teletext services**

James, S.;  
*Consumer Electronics, IEEE Transactions on*  
 Volume 38, Issue 3, Aug 1992 Page(s):288 - 295  
 Digital Object Identifier 10.1109/30.156698

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**3. Development of a voice speed control system LSI**

Baba, H.; Onishi, N.; Sakashita, Y.; Tokizawa, H.; Tanaka, H.;  
*Consumer Electronics, IEEE Transactions on*  
 Volume 41, Issue 3, Aug. 1995 Page(s):909 - 916  
 Digital Object Identifier 10.1109/30.468065

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**4. Time transfer in India using satellite-TV signals in a common view mode**

Banerjee, P.; Saxena, M.; Mathur, B.S.;  
*Precision Electromagnetic Measurements, 1994. Digest., 1994 Conference on*  
 27 June-1 July 1994 Page(s):78 - 79  
 Digital Object Identifier 10.1109/CPEM.1994.333282

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**5. Sharing video annotations**

Caspi, Y.; Bargeron, D.;  
*Image Processing, 2004. ICIP '04. 2004 International Conference on*  
 Volume 4, 24-27 Oct. 2004 Page(s):2227 - 2230 Vol. 4  
 Digital Object Identifier 10.1109/ICIP.2004.1421540

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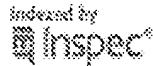
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Relevance scale **1 Technical session 3: audio processing: Real-time background music monitoring** [based on content-based retrieval](#)

Yoshiharu Suga, Naoko Kosugi, Masashi Morimoto

October 2004 **Proceedings of the 12th annual ACM international conference on Multimedia****Publisher:** ACM PressFull text available:  [pdf\(3.16 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we describe music monitoring in TV broadcasting based on content-based retrieval. A part of audio signals is sequentially extracted from TV broadcasting as a retrieval key, and a music DB that stores a great number of musical pieces is retrieved by this key based on content-based retrieval, and a musical piece is identified sequentially. In this way, we are able to carry out music monitoring. There are three necessary requirements important for realization of the music monitori ...

**Keywords:** content-based retrieval, hashing, monitoring, music continuity, non-stationary noise, spectral peaks

**2 Cyclone: a broadcast-free dynamic instruction scheduler with selective replay** Dan Ernst, Andrew Hamel, Todd AustinMay 2003 **ACM SIGARCH Computer Architecture News , Proceedings of the 30th annual international symposium on Computer architecture ISCA '03**, Volume 31 Issue 2**Publisher:** ACM PressFull text available:  [pdf\(194.04 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

To achieve high instruction throughput, instruction schedulers must be capable of producing high-quality schedules that maximize functional unit utilization while at the same time enabling fast instruction issue logic. Many solutions exist to the scheduling problem, ranging from compile-time to run-time approaches. Compile-time solutions feature fast and simple hardware, but at the expense of conservative schedules. Dynamic schedulers produce high-quality schedules that incorporate run-time info ...

**3 A Query Processing Method Considering Query Frequency for Broadcast Database Systems**Shinya Kitajima, Jing Cai, Tsutomu Terada, Takahiro Hara, Shojiro Nishio  
May 2006 **Proceedings of the 7th International Conference on Mobile Data**


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### [1 Flow analysis and optimization of LISP-like structures](#)

Neil D. Jones, Steven S. Muchnick

January 1979 **Proceedings of the 6th ACM SIGACT-SIGPLAN symposium on Principles of programming languages**

Publisher: ACM Press

Full text available: pdf(964.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In [12] the authors introduced the concept of binding time optimization and presented a series of data flow analytic methods for determining some of the binding time characteristics of programs. In this paper we extend that work by providing methods for determining the class of shapes which an unbounded data object may assume during execution of a LISP-like program, and describe a number of uses to which that information may be put to improve storage allocation in compilers and interpreters for ...

### [2 Modified structured decision table and its complexity](#)

A. K. Misra, B. D. Chaudhary

June 1989 **ACM SIGPLAN Notices**, Volume 24 Issue 6

Publisher: ACM Press

Full text available: pdf(207.56 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

A modified structured decision table (MSDT) is introduced [7] which is a modification of Structured decision Table (SDT) [6] to document stages of the topdown program development. The level definition of MSDT is kept such as to maintain conformation with the top-down methodology of program construction. Further, the MSDT besides functionally converting any flowchart, exposes the construction of a program by considering one basic program construct at a time.

In a Conventional ...

### [3 The Illinois functional programming interpreter](#)

A. D. Robison

July 1987 **ACM SIGPLAN Notices , Papers of the Symposium on Interpreters and interpretive techniques SIGPLAN '87**, Volume 22 Issue 7

Publisher: ACM Press

Full text available: pdf(584.71 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

The Illinois Functional Programming (IFP) language is a modified version of Backus' FP(1). IFP has the same side-effect free combinator style of Backus FP, while introducing an


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### **1 Real-time shading**

Marc Olano, Kurt Akeley, John C. Hart, Wolfgang Heidrich, Michael McCool, Jason L. Mitchell, Randi Rost

**August 2004 ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**
**Publisher:** ACM Press

Full text available: [pdf\(7.39 MB\)](#) Additional Information: [full citation](#), [abstract](#)

Real-time procedural shading was once seen as a distant dream. When the first version of this course was offered four years ago, real-time shading was possible, but only with one-of-a-kind hardware or by combining the effects of tens to hundreds of rendering passes. Today, almost every new computer comes with graphics hardware capable of interactively executing shaders of thousands to tens of thousands of instructions. This course has been redesigned to address today's real-time shading capabili ...

### **2 Fast detection of communication patterns in distributed executions**

Thomas Kunz, Michiel F. H. Seuren

**November 1997 Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
**Publisher:** IBM Press

Full text available: [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

### **3 Fortran 8X draft**

Loren P. Meissner

**December 1989 ACM SIGPLAN Fortran Forum**, Volume 8 Issue 4

**Publisher:** ACM Press

Full text available: [pdf\(21.36 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

**Standard Programming Language Fortran.** This standard specifies the form and establishes the interpretation of programs expressed in the Fortran language. It consists of the specification of the language Fortran. No subsets are specified in this standard. The previous standard, commonly known as "FORTRAN 77", is entirely contained within this